

Investigations on Conjugated Systems. CIX. The
Direction of Hydration of Isopropenylalkylacetylenes,
by B. S. Kupin, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,
1959, pp 3738-3741.

CB

Sci
Nov 60

132, 697

Conjugated Systems. CVIII. Synthesis and Properties of Some Alkylisocalkenyl-Acetylenes and Higher Homologs, of Vinylalkylacetylenes, by A. A. Petrov, B. S. Kupin, T. V. Yakovleva, K. S. Mingaleva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11, 1959, pp 3732-3737.

CB

Sci
Nov 60

132,696

linский, А. А. Петров, 3⁴ pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 10, 1959, pp 1179-1181.

Columbia Tech

Sci
Nov 60

132,915

Investigations in the Field of Conjugated
Systems. CV. Telomerization of Butadiene With
Chloroprene Hydrochloride (1,3-Dichlorobutene-2), by
A. A. Petrov, Kh. V. Bal'yan, L. I. Bunina-
Krivosukova, T. V. Yakovleva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2518-2521.

Consultants Bureau

Sci

Aug 60

126,701

The Effect of Acid or Basic Properties of
Reagents (or Catalysts) on the Course and the
Mechanism of Addition to Unsymmetrical α -Oxides,
by A. A. Petrov, 26 pp.

GERMAN, per, Chemische Technik, Vol VI, No 12,
1954, pp 639-644.

SLA 60-10920

Sci

QTS, Vol III, No 6

Sep 60

126,873

Investigations in the Field of Conjugated Systems.
XCIY. The Synthesis of Geranyl Chloride by the
Telomerization of Isoprene With Its 1,4-Hydrochloride,
by A. A. Patkov, Kh. V. Bal'yan, Yu. I. Kheruzo, E. Yu.
Sharova, L. I. Cherenkova; 7 pp

RUSSIAN, rev, Zhur Obshch Khim, Vol XXIX, No 6, 1959,
pp 1576-1581

Consultants Bureau

Sci - Chemistry

122,064

Investigations in the Field of Conjugated Systems.
XC. The Addition of 2-Chloro-3-pentene to Divinyl,
by A. A. Petrov, N. A. Razumova, M. L. Genusov,
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2132-2137.

CB

Sci - Chem
Oct 59

99,077

Investigations in the Field of Conjugated Systems.
XCI. The Addition of 1-Chloro-3-methyl-2-Butene
to Divinyl, by A. A. Petrov, N. A. Razumova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2133-2144.

CB

Sci - Chem
Oct 59

99,078

Investigations in the Field of Conjugated Systems. XCVII.
Addition of Alcohols to Vinylalkylacetylenes in the
Presence of KCl, by B. S. Kupin, A. A. Petrov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, pp
1151-1157

Consultants Bureau

Sci

Jun 60

117, 646

Studies in the Field of Conjugated Systems. Part XCV.
Reaction of Piperylene With Its HCl Addition
Product and With the 1,4 HCl Addition Product of
Isoprene, by A. A. Petrov, N. A. Razumova, M. L.
Gerasimov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12,
1958, pp 3220-3224.

ATS 82L3CR

Sci - Chem
Sep 59
Vol 2, No 2

97987

Investigations on Conjugated Systems. LXXXII.
Infrared Spectra of Vinylacetylenic and Dienic
Ethers, by A. A. Petrov, G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 71-74.

Consultants Bureau

Sci - Chem
Apr 59

84,182

Conjugated Systems. LXXXIX. Influence of Various Factors on the Yield of Geranyl Chloride in the Reaction of Isoprene with Its Hydrochlorides, by A. A. Petrov, Kh. V. Bal'ian, Yu. I. Kheruze, E. Yu. Shvartsi, L. L. Cherenkova, 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1435-1443.

Consultants Bureau

Sci - Chem
Sep 59

95, 757

Investigation of Conjugated Systems. LXXXVII.
Addition of α -Chloro- and α -Bromo-Ether to
Chloroprene, by B. A. Vovsi, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,
No 6, 1959, pp 1426-1431.

Consultants Bureau

Sci - Chen
Sep 59

95,755

Conjugated Systems. CXIX. The Direction of Electrophilic Addition to Unsymmetrical Dienes. Reaction of N,N-Dibromosulfonamide with Alcohol Solutions of Divinylacetylene and its Homologs, by A. A. Petrov, Yu. I. Porfir'yeva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6, 1960, pp 1818-1822.

CB

Sci
Aug 61.

162,600

Conjugated Systems. LXXXVIII. Condensation of
3-Chloro-1, 3-pentadiene and 3-Chloro-1,3-
hexadiene with Propargylaldehyde and Propiolic
Acid, by N. A. Laporskaya, A. A. Fetrov, 4 pp.

RUSSIAN, Izv. Zhur Obshchei Khim, Vol XXVIII,
No 6, 1958, pp 1432-1434.

Consultants Bureau

Sci - Chem
Sep 59

95, 756

Study of an Island Focus of Northern Asian Tick-
Borne Typhus, by G. P. Somov, M. I. Shapiro and
A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXIX, No 5, 1958 pp 94-99

Pergamon Inst

Sci - Med.

Feb 59

81,082

Catalytic Hydrogenation of Vinyl Ethylene Oxides.
II. Hydrogenation of Chloroprene Oxide, by M. A.
Aizikovich, A. A. Petrov.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 11,
1958, pp 3051-3055.

ATS RJ-1654

ATS-89239R

Sci- Chem:

Jul 59

90,839

To the Memory of M. V. Likhoshesterov, by A. A.
Petrov, 1 p.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXVI, No 5,
May 1956, p 1515.

Consultants Bureau

Sci - Chemistry
May 57

47, 571

Piperylene, by A. A. Petrov et al.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 2, 1955,
pp 220-239.

Co-Op Trans Sch Tr 253
28. (21.)

Sci - Chem
Jun 57

48,457

Hydrogenation of Unsaturated Compounds in the Presence of Colloidal Palladium, XIV. Some Characteristics of the Hydrogenation of Disubstituted Allene Hydrocarbons, by Kh. V. Bel'yan, A. A. Petrov, N. A. Borovikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10, 1960, pp 3247-3252.

CB

171, 733

Sci

Oct 61

Synthesis and Properties of Isomeric Isobutylene
Glycol Ethers, by A. A. Petrov, E. N. Pritula,
4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,
May 1955, pp 556-559. CIA C 39706

28,928

Consultants Bureau

Scientific - Chemistry Nov 55 CTS/DEX

Order of Addition of Water and Alcohols to
Vinylalkylacetylenes, by A. A. Petrov,
B. I. Kupin, 2 pp.

RUSSIAN, per, Zhur Obshch Khim (USSR),
Vol XXVIII, pp 1999-2000.

Assoc Tech Sr
13827R

Sci - Chem
Apr 79
OCS, V. I, No 5

83,911

The Reactions of Chlorine-Containing Telomers of
Hydrocarbons. V. Synthesis of Some Alcohols of the
Sesquiterpene Series and Their Analogs, by S. Yu.
Shvarts, A. A. Petrov, 3567 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 11, 1960
pp 3598-3603

CB

177,529

Sci
Oct 61

A Local Theorem for Densities of Sums of Independent
Random Variables, by A. A. Petrov.

RUSSIAN, per, Teoriya Veroyatnostei i ye Pril.,
Vol I, No 3, 1956, pp 349-356.

Soc for Ind & Applied Math

Hci
Box 60

132,019

Investigations in the Field of Conjugated Systems.
CXVI. On the Addition of Lithium Dialkylamides to
Vinylacetylenic Hydrocarbons, by V. A. Kormer,
A. A. Petrov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,
pp 918-926.

CB

Sci -
Apr 61

147,584

Verification of Statistical Hypotheses on the Type
of a Distribution Based on Small Samples, by A. A.
Bakrov.

RUSSIAN, per, Teoriya Veroyatnostei i yo Prin,
Vol I, No 2, 1956, pp 248-271.

Soc for Ind & Applied Math

Sci
Nov 60

132,018

Problem of the Direction of Reaction of α -k Some
Unsaturated Halide Derivatives With Alcoholic
Alkali, by A. A. Petrov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 8,
Aug 1955, pp 1483-1485. CIA C 42156.

Consultants Bureau

Sci - Chemistry

35,105

Jun 1956/Dex

Dipole Moments and Activity in the Telomerization
of Some Allyl Chlorides With Diene Hydrocarbons,
by A. A. Petrov, K. S. Mingaleva, 4 pp.

RUSSIAN, per, Zhur Oshch Khim, Vol XXIX, No 9,
1959, pp 2826-2829.

CB

Sci

129,264

Sep 60

Investigations in the Field of Conjugated Systems.
CVII. The Order of Addition of Iodine Chloride
to Vinylacetylene Hydrocarbons, by A. A. Petrov,
Yu. I. Porfir'yeva, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2830-2836.

CP

Sci

129,265

Reaction of Propionaldehyde With Organomagnesium
Compounds, by A. A. Petrov, 4 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV,
No 6, 1955, pp 1001-1105 1105.

Consultants Bureau

41, 333

Scientific - Chemistry

The Verification of an Hypothesis Concerning the Normality of Distributions by Small Samples, by A. A. Petrov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 355-358.

AEC Tr 1485

Scientific - *Mathematica* ~~English~~, hypothesis, samples

Jan 53 CTS/DEX

A9117

Some New Alicyclic Isomers of Aromatic Hydrocarbons,
by A. A. Petrov and M. H. P. Sopov, 7 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,
May 1956, pp 890-896.

CIA D 182344

Consultants Bureau

Sci - Chem

Dec 53 CTS

7428

Isomerization of Olefinic Hydrocarbons Over
Aluminosilicates, by A. A. Petrov

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1951, pp 745-752.

Assoc Tech Sv, RJ-127

Scientific - Chemistry Price \$12.80

AVERTS/DEX

17.223

... in the Field of ...
... of Hydration of ...
... by L. S. ... A. A. Petrov, ... pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XLIX, No 7,
1969, pp 2281-2284.

CD

Sci

Aug 68

124,699

Studies in the Field of Conjugated Systems. CLXIX.
Addition of Dialkyl Phosphorus Acid Chlorides to
Diene Hydrocarbons, by N. A. Rammova, A. A. Petrov,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 3,
1963, pp 783-788.

CB

Sci
Apr 64

Investigations in the Field of Conjugated Systems
CI. Oxidation of Vinylalkylacetylenes with
Benzoyl Hydroperoxide, by V. M. Al'bitskaya, E. M.
Blyakman, A. A. Petrov, T. V. Yakovleva. 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2276-2280.

CB

Sci

Aug 60

124,698

Isomerization of Unsaturated $C_{12}-C_{16}$ Hydrocarbons, by
A. A. Potrov.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol XLII,
1953, pp 329-331.

Assoc Tech Svc
~~Sci:BioChem~~
+RJ-156

Scientific - Chemistry

17.445

PETROV, A. A., and SOPOV, N. P., Chem Lab of the
Leningrad Inst of Aviation Instrument Design

Research on the Chemistry of Alkenyne Systems. I.
The Addition of Bromine to Vinylacetylene

Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 745-
755 *CHAD 102355*

Consultants Bureau Translation

A 9118

The Order of Addition of Hydrogen Halides to Halogen-substituted ~~hydro~~-oxides, by A. A. Petrov, 17 pp.

RUSSIAN, per, Zhur. Obshchei Khimii, Vol XI, No 9, 1941, pp 713-721.

OTS 61-18080

Sci Tr Center RT-2497

USSR

Scientific - Chemistry

28, 272

Nov 55
CTS/DEX

The Synthesis and Properties of Some Isomers,
Homologs, and Analogs of α -Terpinacol Based on 1,3-
Dienes, by A. A. Petrov and N. P. Sopov, 10 pp.

Full translation

RUSSIAN, no per, ~~XXII Zhur Obshch. Khim.~~ Vol XXII, No 4,
USSR, Apr. 1952, pp 2552-2559. 591-602.
CIA ID 182346

Consultants Bureau

Scientific -- Chemistry

Dec 53 CTS 7529

Sci/Chem

/c

On the Order of Addition of Alkylhypohalites to Divinyl,
by A. A. Petrov, 17 pp.

~~RUSSIAN, no per, Zhur Obshch Khim~~
RUSSIAN, no per, Zhur Obshch Khim, Vol XIX, No 6, Jun 1949.

CIA/FDD/X-425

A 9116

Nov cts

PETROV, A. A.

Chloroalkylation of Olefins by the Action of
Chlorine in the Presence of Alcoholic Alkali, 1 p.

ROSCHEW, Zhur Obshch Khim, Vol 7, 1935.

FD-100-55

Tolpin 105

A 9115

The Order of Addition of Alcohols to Trimethylethylene
Oxide, by A. A. Patrov, D. V. Gantseva, O. A. Kiseleva,
6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 5,
1953, pp 737-741. CIA D 182358

Consultants Bureau

Scientific - Chemistry

17,656
CTS/DEX

Halogenation and Thiocyanation of Aromatic Amines
with Liquid Chloramines, Chloramides, Alkyl
Hydrochlorites, and Organic Hydroperoxides, by
A. A. Petrov, G. A. MEE Balaev, D. B. Ioffe,
UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,
April 1953, pp 663-~~664~~ 666.

Consultants Bureau Tr

Scientific Chemistry

13,191

Conversion of Hydroaromatic Aldehydes and Ketones
Into Aromatic Hydrocarbons by Dehydration, by A. A.
Petrov, N. P. Sopov, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2,
USBR, Feb 1954, pp ~~298-302~~. CIA D 151278
298-302.

Consultants Bureau

Scientific - Chemistry

CTB 67/Apr 55

22,914

Relationship Between the Quantity of Hydrogen
Bromide Evolved and the Structures of Brominated
Olefins, by A. A. Petrov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1896-1899. CIA D151246

Consultants Bureau

Scientific - Chemistry Apr 55 CTS

22,628

Letter to the Editor, by A. A. Petrov, 1 p.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 7,
1955, pp 1438- CIA C 42051

Consultants Bureau

34,268

XXXXXXXX

XX

Scientific - Chemistry

May 56 CFS/dex

Rearrangement of Hydrogen in Olefinic Hydrocarbons Over
Aluminosilicate Catalysts, by A. A. Petrov, A. V. Frost.
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,
1952, pp 1773-1780.

Consultants Bureau

Scientific - Chemistry

14,486

Conjugated Systems. CXXIII. Synthesis and Properties
of 1, 3-Enyne Stannahydrocarbons
By V. S. Zavgorodniy and A. A. Petrov pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3527 - 3531

CB

Sci

Aug 63

344,703

Investigations on Conjugated Systems. CXXX.
Chloromethylation of Divinylacetylene and Its
Homologs, by Yu. I. Kheruse, A. A. Petrov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 4,
1963, pp 1111-1119.

CB

Sci
Apr 64

Conjugated Systems. CLXI. Addition of Silicon Hydrides to
1-Trimethylsilylbuten-3-YNE-1

By M. D. Stadnichuk and A. A. Petrov pp. 7

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3514 - 3521

CB

Sci

344,702

Aug 63

Conjugated Systems. CLXII. Direction of Addition of
Bromine and Hydrogen to Vinyl- and Allyldimethylviny-
lacetylenylsilanes

By I. D. Stadnichuk and A. A. Petrov pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3522 - 3526

CB

Sci

Aug 63

344,701

Conjugated Systems. CLXIV. Nuclear Magnetic Resonance
Spectra of 1, 3-Enyne Hydrocarbons
By A. A. Petrov and V. B. Lebedev pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3532 - 3536

CB

Sci1

344,696

Aug 63

Studies in the Field of Conjugated Systems.

V.V. ¹⁹¹ ~~1514~~ Direction of Addition of Alkyl
bromides and Lithium Alkyls to Vinylpropenylacetylene
by A.A. Petrov, Yu. I. Porfir'eva, 1 pp.

⁶
USSR, per, Zhur Obshch Khim, Vol XVI, No 5
1961, pp ~~1514~~ - ~~1518~~

1518 - 1523

CB

191, 949

Sci
Mar 62

The Addition of Triphenylmethyl Radicals to
Alkyne: Hydrocarbons and Silicohydrocarbons, by
A. A. Petrov, M. D. Stadnichuk, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 5, 1961, pp 1124-1127.

CB

Sci

200,804

Jun 62

Isomerization of Saturated Hydrocarbons. II.
Isomeric Transformations of C₁₂-C₁₆ Alkanes,
by A. A. Petrov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1958, pp 575-583.

ATB RJ-1928

Sci - Chem
Dec 59

104,099

Isomerization of Saturated Hydrocarbons. I.
Isomeric Transformations of C₅-C₈ Alkenes, by A. A.
Petrov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk. No 4,
1958, pp 437-445.

ATS RJ-1927

Sci - Chem
Dec 59

104,098

Isomerization Reactions of Olefinic Hydrocarbons in
Presence of Aluminosilicates. Communication 2, by
A. A. Petrov. 7 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, USSR, Jan/Feb 1954, pp 124-132. CIA D 151104

Consultants Bureau

Scientific - Chemistry

CTB 66/Mar 55

21,851

Reaction of Unsaturated Hydrocarbons, by
A. A. Petrov.

RUSSIAN, no per, Khim i Tekh Topliva, No 7, 1956,
pp 27-32.

Tech and Com Tr
\$20.00

Sci - Chemistry
CMB/dec Jan 1957

42,005

Spectroscopic-Isotopic Determination of Hydrogen
in Metals, by A. H. Zaydel, A. A. Petrov.

UNCLASSIFIED *20/8*

RUSSIAN, per, Vest Leningrad Univ, No 10, 1957,
pp 40-51.

Ascco Tech Sv RJ 1310

Baron, Max, Associate French AEC CEA Tr R-498

Sci - Phys

Nov 58

75,894

The Course of the Addition Reaction of Iodine with
Divinyl, by A. A. Petrov, 4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, 1950,
Vol LXXII, No 3, pp 515-517.

SLA 59-15347

Sci
Oct 59
Vol 2, No 3

99,895

Investigations of Conjugated Systems XCVIII.
Telomerisation of Butadiene With Crotyl Chloride
and 3-Chloro-1-Butene, by A. A. Petrov, Kh. V.
Bal'yan, L. I. Bunina-Krivorukova, T. V. Yakovleva,
11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1576-1587.

Consultants Bureau

Sci

Jul 60

120,461

Preparation of Hydroaromatic Hydrocarbons by
Pyrolyzing Acetates of Secondary Alcohols Prepared
from Products of Diene Synthesis, by A. A. Petrov,
N. F. Serepov, 8 pp.

10
RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957, pp 1795-1804.

Consultants Bureau

Sci - Chem

Oct 1958

74, 133

The Addition of Lithiumdiethyl - and Lithiumdibutylamides
to Vinylacetylene and Vinylalkylacetylenes, by A. A.
Petrov. V. A. Kozmer, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959,
pp 1278-1281.

Consultants Bureau

Sci

119,509

Jun 60

The Rheological Properties of Surface Films
at the Oil-Water Interface and their Role in
Stabilizing Oil Emulsions, by M. M. Kusakov and
A. A. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
4, 1957, pp 637-640.

Consultants Bureau

Sci - Chem

73, 651

Aug. 58

The Reaction Between Vinyl Ether and Amines,
A. A. Petrov, V. M. Al'bitskaya.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVI, No 7,
1956, pp 1907-1909.

Assoc Tech Sv
\$4.95 Tr RJ-820

Sci - Chemistry
Aug: 57

51,803

SH-1015
(69J15R)

The Order of Addition of Bromine, Hydrogen
Bromide, and Alkyl Hypobromites to Allyl-
methylacetylene (Hexene-1-yne-4), by A. A.
Petrav, 6 pp.

RUSSIAN, no per Zhur Obshch Khim, Vol XXVI,
No 12, 1956, pp 3319-3323.

Consultants Bureau

Sci - Chemistry
Jul 58

67,412

The Order of Addition of Bromine to Alkenylacetylenes,
by A. A. Petrov, Yu. I. Porfiryeva, 4 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 839-841.

Consultants Bureau

Sci - Chem

56,698

Dec 57

Investigations in the Field of the Chemistry of
Divalyl, by A. A. Petrov, 156 pp.

RUSSIAN, per, Trudy Voronezh Gosudarst Univ, Vol X,
No 2, 1938, pp 101-23183.

CIA/FDD XI-628

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Aug 59

USIB INTERNAL USE ONLY

93,423

A Contribution on the Structure of Citral, Obtained
from Synthetic Geranyl Chloride, by A. A. Petrov,
Kh. V. Hal'yan, Yu. I. Kheruze, E. Yu. Shvarts,
T. V. Yukovleva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 445-450.

Consultants Bureau

Sci

Apr 60

112,330

Investigations of Conjugated Systems. I.
Synthesis and Properties of Bromoprene Homologs,
by E. A. Leporskaya, A. A. Petrov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1471-1473. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,919

Investigation of the Chemistry of Organic Oxides.
XIV. Reaction of the α -Oxide of Isoprene with
Ammonia and Amines, by V. M. Albitskaya, A. A.
Petrov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 4, 1958, pp 901-903.

Consultants Bureau

Sci - Chem
Jun 59

89,129

Conjugated Systems. XVIII. Interaction of Chloro-
prene with Chlorine, by A. A. Petrov, 12 pp.

Zhur Obschch Khim

Russian, no per, Vol XIII, No 1-2, 1943, pp102-107.

Sci Tr Ctr RT-3817

Sci - Chemistry
Aug 55 CTS/dex

37,542

Conjugated Systems. XIX. Bromination of
Chloroprene, by A. A. Petrov, 11 pp.

RUSSIAN, per, Zhur Obshchey Khim, Vol XXIII, No 1/2,
1943, pp 108-112.

Sci Tr Center
RT - 3860

Sci - Chemistry

37,160

Aug 1956

Investigation of Conjugated Systems. XLVII.
Condensation of Butynone With Cyclic Dienic
Hydrocarbons, by A. A. Petrov, N. P. Sopov,
5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 6, Jun 1953, USSR, pp 1034-1037. *CIA DIPLOMAT*

Consultants Bureau

Scientific - Chemistry

CTS/DEX

18,722

Investigation of Conjugated Systems.
XLVIII. Order of Addition of Alkyl
Isonitrides to Chloroprene Homologs, by
A. A. Petrov, E. A. Leporskaya, 8 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII,
No 6, Jun 1953, USSR, pp 1038-1045. CIA D182337

Consultants Bureau

Scientific - Chemistry

CTS/DEX

18,723

Conjugated Systems. XLIX. The Problem of the
Order of Addition of Alkyl Hypohalites to
Tertiary Vinylacetylenic Alcohols, by A. A.
Petrov, E. S. Bravo, V. V. Davidovich, O. S.
Dyatkova, G. V. Kuznetsova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 7, Jul 1953, USSR, pp 1120-1123.

Consultants Bureau

Scientific - Chemistry

19,413

CTS/DEX

Investigations on Conjugated Systems. LX. Reaction
of Divinylethylacetylene with Tertiary Butyl Chloride
and Bromide, by A. A. Petrov, and K. V. Lests, 4 pp.

Full Cr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 407-410. CIA 9007072 C, Reel No 64

Consultants Bureau

Sci - Chemistry

Dec 56 CTS

Dec

41,689

Investigation of Conjugated Systems. LV. Order
of Addition of the Alkylhypohalogenites to 3-
Chloro- and 3-Bromohexadiene-1,3, by E. A.
Ieporskaya, ~~and~~ A. A. Petrov, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 6, Jun 1954, pp 1005-1013. CIA C 40406

Consultants Bureau

Scientific - Chemistry

Jan 56 CTS/DEX

30, 57

Investigations of Conjugated Systems. LX LVI.
Condensation of Diene Hydrocarbons with Propargyl
Aldehyde, by A. A. Petrov, 8 pp.

Full text

RUSSIAN, no per, Zhur Oshch Khim, Vol XXIV,
No 12, 1954, pp 2136-2143. CIA 542762 C,
reel 3).

Consultants Bureau

37,656

Scientific - Chemistry
Aug 5/6 CTS

Investigations in the Field of Conjugated Systems.
LVIII. Condensation of Propargyl Aldehyde With
Piperylene and Isoprene, by A. A. Petrov, N. P.
Soykov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 517-522. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTC: 74/Nov 55

27,960

Research in the Field of Conjugated Systems. LII.
Concerning the Sequence of Bromine Addition to
Vinylalkylacetylenes, by A. A. Petrov, Yu. I.
Porfiriyeva, 6 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1867-1872. CIA D 151246

Consultants Bureau

Scientific - Chemistry Apr 55 ots

22,621

Conjugated Systems. LVII. Condensation of Vinylpyri-
dine with Diene Hydrocarbons, by A. A. Petrov, V.
Iyul'vich, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim. SSSR, Vol XXV,
No 4, Apr 1955, pp 739-743. CIA C 39500

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,887

Conjugated Systems. LIX. Condensation of
7-Vinylpyridine With Diene Hydrocarbons, by
A. A. Petrov, V. Lyudvig, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No ¹~~2~~,
1956, pp 51-53. CIA 9000404 C, Reel No 21

Consultants Bureau

Sci - Chemistry
Sep 56 CTS

38,645

Conjugated Systems. LXI. The Addition of Alkyl
Halides to Diene Hydrocarbons, by A. A. Petrov,
K. V. Leets, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,
Apr 1956, pp 1113-1120.

Consultants Bureau

Sci - Chemistry
Feb 1957 CTS/dax

43,664

Conjugated Systems. LXII. The Condensation of
Dienic Hydrocarbons With Propiolic Acid and Its
Methyl Ester, by A. A. Petrov, K. B. Rall, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1588-1592.

Consultants Bureau

Sci - Chemistry
Jul 51

49,685

Conjugated Systems. LXIII. The Action of
Benzensulfodichloramide on Alcoholic Solutions
of Piperlyene, by T. A. Zyryanova, A. A. Petrov,
10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1593-1601.

Consultants Bureau

Sci - Chemistry
Jul 57

49,687

Investigation in the Field of Conjugated Systems.
LXIV. The Action of Benzosulfodibromosulfide on
Solutions of Piperylene in Methyl and Ethyl Alcohols,
by T. A. Eryazova, A. A. Petrov, 8 pp.

RUSSIAN, in per, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1918-1925.

Consultants Bureau

Sci - Chemistry
Eov 57

55,014

Investigation in the Field of Conjugated Systems.
LXV. Hydrogenation of Vinylalkylacetylenes in the
Presence of Colloidal Palladium, by Kh. V. Balyan,
A. A. ~~Putman~~ Yu. I. Porfir'yeva, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1925-1934 1935.

Consultants Bureau

Sci - Chemistry
Nov 57

53, 015

Investigations in the ~~XXX~~ Field of Conjugated Systems.
LXVI. The Action of Benzosulfodichloro- and Benzosul-
fodibromamide on Alcohol Solutions of Isoprene, by
T. A. Vyryanova, A. A. Petrov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp ~~118-119~~, 2189-2194.

Consultants Bureau

Sci - Chem

56, 515

Dec 57

Investigation in the Field of Conjugated Systems.
LXVII. Condensation of Propargylaldehyde With
2-Halogenc- and 2-Alkoxybutadienes, by A. A. Petrov,
N. P. Sopov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9,
Sept 1956, pp 2452-2457.

Consultants Bureau

Sci - Chemistry
Feb 58

58,940

Investigations in the Field of Conjugated Systems.
LXVIII. Diene Syntheses With Fluoroprene. I.
Condensations of Fluoroprene With α, β -Unsaturated
Aldehydes and Ketones, by A. A. Petrov, A. V. Tumanov,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2744-2748.

Consultants Bureau

Sci - Chemistry
Mar 58

60,105

Conjugated Systems. LXIX. Diene Synthesis
with Fluoroprene. II. Condensation of
Fluoroprene with Derivatives of α, β -
Unsaturated Monobasic Acids, by A. A.
Petrov, A. V. Tumanova, 6 pp

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXVI,
No 11, 1956, pp 2991-2994.

Consultants Bureau

Sci -Chem
Jul 58

67.561

Conjugated Systems. LXX. Diene Syntheses with
Fluoroprene. III. Condensation of Fluoroprene with
the Esters of α, β -Unsaturated Dibasic Acids,
by A. A. Petrov, A. V. Tumanova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXVI,
No 11, 1956, pp 2995-2997.

Consultants Bureau

Sci - Chem
Jul 58

67,562

Conjugated Systems. LXXI. Dimerization of
Fluoreprene, by A. A. Petrov, A. V. Tumanova,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 12, 1956, pp 3314-3318.

Consultants Bureau

Sch - Chemistry
Jul. 58

67,411

Investigation in the Field of Conjugated
Systems. LXXII. Hydrogenation of Alkenylace-
tylenes, by Kh. V. Balyan, A. A. Petrov ~~and~~
Yu. I. Porfiryeva, 6 pp.

RUSSIAN, Per, Zhur Obshch Khim, Vol XXVII, No 2,
1957, pp 365-~~366~~ 369.

Consultants Bureau

Sci - Chem

Jul 58

67,224

Investigations in the Field of Conjugated Systems.
LXXIII. The Order of Addition of Bromine to Vinyl-
acetylene, by A. A. Petrov, G. I. Semenov, N. P.
Sopov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957,
pp 928-932.

Consultants Bureau

Sci - Chem
Aug 58

69, 209

Investigations in the Field of Conjugated Systems. LXXIV. The Infrared Spectra and Reactivity of Vinylacetylene Hydrocarbons, by A. A. Petrov, Yu. I. Porfiryeva and G. I. Semenov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 5, 1957, pp 1167-1174.

Consultants Bureau

Sci - Chem

72,847

Sep 58